

Table of Contents

Executive Summary I

Section 1—Project Overview 6

1.1 Project Background

1.2 Project Goals

1.3 Study Approach

1.4 Study Area

Section 2—Land Use:Transportation and the Master Plan 8

2.1 The Link Between Land Use and Transportation

2.2 Existing Corridor Land Use Overview

2.3 Corridor Zoning

2.4 Future Land Use

Section 3—Corridor Development Capacity..... 17

3.1 Development Capacity Analysis Approach

3.2 Mapping Development Opportunities

3.3 Goshen Township “New Development” Parcel Analysis

3.4 Miami Township “New Development” Parcel Analysis

3.5 Goshen Township “Redevelopment” Parcel Analysis

3.6 Miami Township “Redevelopment” Parcel Analysis

Section 4—Existing Traffic Conditions..... 26

4.1 Traffic Analysis Introduction

4.2 Traffic Volume Data Collection

4.3 Existing Roadway Conditions

4.4 Existing Access Conditions

4.5 Crash Data and Analysis

4.6 Traffic Capacity Analyses

4.6.1 Existing Conditions Capacity Analyses (Existing Roadway, 2008 Traffic Volumes)

4.6.2 Improved Roadway Capacity Analyses (2008 Traffic Volumes)

Section 5—Future Conditions..... 34

5.1 Traffic Capacity Analyses

5.1.1 Future Conditions Capacity Analyses (Existing Roadway, 2030 Traffic Volumes Based on OKI Traffic Demand Model)

5.1.2 Future Conditions Capacity Analyses (Improved Roadway, 2030 Traffic Volumes Based on OKI Traffic Demand Model)

5.2 Safety Considerations

5.3 Multimodal Transportation Recommendations

5.4 Recommendations for Future Traffic Conditions

5.5 General Roadway Section

5.6 Existing Intersection Configuration

Section 6—The Nodal Development Approach40

6.1 What Are Development Nodes?

6.2 The Benefits of Creating Development Nodes Along State Route 28

6.3 Nodal Development Prevents Dysfunctional Commercial Strip Zoning

6.4 Nodal Development As A Place Making Tool

6.5 State Route 28 Node Development Districts Map

Section 7—Nodal Traffic Analysis43

7.1 Traffic Analyses Based on Future Land Use within the Study Area

7.1.1 Node Access Locations

7.1.2 Background Traffic Projections

7.1.3 Node Generated Traffic Volumes

7.1.4 Node Generated Traffic Distribution

7.1.5 Pass-by Trip Reductions

7.1.6 Total Traffic Volumes

7.1.7 Traffic Capacity Analyses

7.2 Development Node Access Points

Section 8—Node Development District Revenues & Improvements57

8.1 Fiscal Impact of Node Development District #1 Build-out

8.2 Fiscal Impact of Node Development District #2 Build-out

8.3 Fiscal Impact of Node Development District #3 Build-out

8.4 Fiscal Impact of Node Development District #4 Build-out

8.5 20-Year Revenue Capacity

Section 9—Access Management68

9.1 Access Management Overview

9.2 How Access Management Affects Business Operations

9.3 How Access Management Affects Property Values

9.4 Shared Driveways

9.5 Cross Access Easements

9.6 Frontage Roads and Reverse Frontage Roads

Section 10—Implementation Plan74